



- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names



1983

Produced by the United States Fish and Wildlife Service
Wetland classifications from 1:120,000 scale black and white aerial photographs taken: 1972, 1973 and other source data.

Projection and 10,000 meter grid ticks, zone 12:
Transverse Mercator
50,000 foot grid ticks based on Arizona coordinate system, zone one and New Mexico coordinate system, zone one, 1927 North American datum
Projected land lines are dashed
To place on the projected North American Datum 1983, move the projection lines 1 meter north and 59 meters east

SPECIAL NOTE
This document was prepared primarily by a systematic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and topography in accordance with Classification of Wetlands and Deep Water Habitats of the United States (see Operational Draft Convention, et al. 1971). The same photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in this use of the aerial photographs. Thus, a wetland or other feature indicated on this map may not be a wetland or other feature as it actually exists on the ground. Therefore, the use of this map for purposes of land acquisition, regulatory programs, or other purposes requiring a detailed knowledge of actual conditions on the ground should be based on a site visit or other reliable source of information. Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of regulatory jurisdiction in any Federal, State or local government or regulatory jurisdiction. The design and scope of the regulatory programs of government agencies, Federal, State, or local, are not intended to be affected by this inventory. Federal, State, or local agencies concerning specific agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland polygons are photographically reduced from large scale overlays and positioned without internal cartographic adjustment to features. Some positional discrepancies may occur.

CONVERSION TABLE

Meters	Feet
1	3.281
2	6.562
3	9.843
4	13.124
5	16.405
6	19.686
7	22.967
8	26.248
9	29.529
10	32.810

To convert meters to feet multiply by 3.281

To convert feet to meters multiply by 0.305

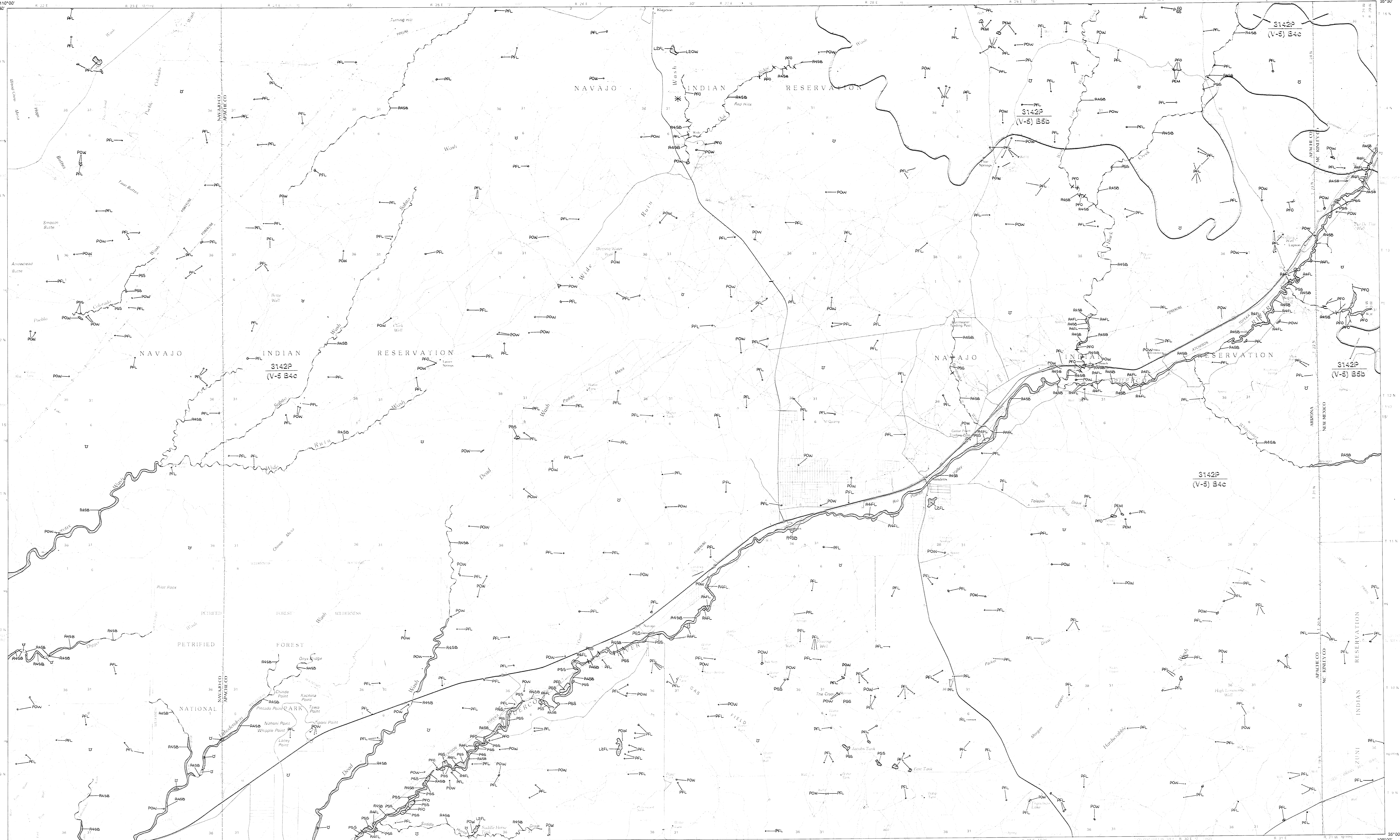
DECLINATION DIAGRAM

UTM grid convergence (GN) and 5° magnetic declination (MN) at center of map. Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

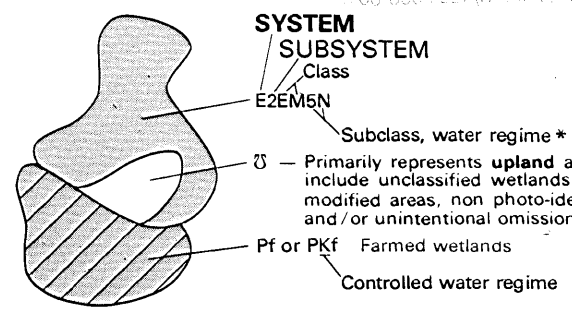
- 1 Pecos
- 2 Grants
- 3 Gallup
- 4 Window
- 5 Zuni
- 6 Hualapai
- 7 Santa James
- 8 Fence Lake



SCALE 1:100 000

WETLAND LEGEND

- | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M MARINE
1 SUBTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | M MARINE
2 INTERTIDAL
AB Aquatic Bed
RF Reef
UB Unconsolidated Bottom
RB Rock Bottom
SS Streambed
BB Beach/Bar | E ESTUARINE
1 SUBTIDAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef | E ESTUARINE
2 INTERTIDAL
AB Aquatic Bed
RF Reef
UB Unconsolidated Bottom
RB Rock Bottom
SS Streambed
BB Beach/Bar
FO Forested | R RIVERINE
1 TIDAL
EM Emergent (Nonperennial)
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar | R RIVERINE
2 LOWER PERENNIAL
EM Emergent (Nonperennial)
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar | R RIVERINE
3 UPPER PERENNIAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar | R RIVERINE
4 INTERMITTENT
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar | L LACUSTRINE
1 LIMNETIC
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed | L LACUSTRINE
2 LITTORAL
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar
EM Emergent (Nonperennial) | P PALUSTRINE
NO SUBSYSTEMS
OW Open Water/Unknown Bottom
RB Rock Bottom
UB Unconsolidated Bottom
AB Aquatic Bed
RF Reef
SS Streambed
BB Beach/Bar
EM Emergent
SS Sub/Shrub
FO Forested |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



SOURCES OF ADDITIONAL INFORMATION
• Elevation—U.S. Forest Service
• Land Surface Form—U.S. Geological Survey
• Subsystem and Water Regime—U.S. Fish and Wildlife Service
Other information concerning the wetland resources depicted on this document may be available, contact: Regional Director (ARDD) Region II, U.S. Fish and Wildlife Service, P.O. Box 1305, Albuquerque, New Mexico 87103

SANDERS, ARIZONA-NEW MEXICO
(SW ¼ of Gallup 1:250,000)

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